

# Job

In Entire Operations, the term **job** carries a much wider meaning than for the operating system. In the Job Maintenance facility of Entire Operations, the following types of job can be defined:

Job Type	Explanation
CYC	A cyclic job (used for internal checking)
DAT	Data File Generation Data File Generation
DUM	A dummy job (used to regulate job flow)
JOB	A standard operating system job
MAC	A job which uses Dynamic JCL Generation (defined using the Natural MACRO facility)
NAT	A Natural subprogram
NET	A sub-network (see the subsection Sub-networks)
R3	A job in the SAP R/3 runtime system.
SRV	A Windows service.
STC	A started task (OS/390 only)

For more details about job types, please see here.

A job can also consist of a **manual action** executed by the user. This action can be integrated into the job network by defining non-automatic prerequisites for it.

All jobs are members of job networks and can be linked by logical conditions. Some differences arise in end-of-job checking, depending on job type and operating system (see the section End-Of-Job Checking and Actions). However, you can always define Job OK or Job not OK as a condition for subsequent system action.

Only job types JOB, MAC, SRV and STC result in operating system jobs when submitted. For OS/390 and VSE/ESA: An operating system job can consist of several steps. In these cases, Entire Operations can check the result of each job step as part of end-of-job analysis and triggers system action accordingly.

A job is uniquely identified within a job network by its job name. The job name can, but need not be the same as the JOB or LOGON statement name (job name by which the operating system identifies the job). Before job submission, jobs can therefore only be identified by the name defined to Entire Operations. A job can only be accessed through Entire Operations by its Entire Operations name.

When defining a job, you must also specify:

- JCL location (depending on job type);
- node ID (if different from the node ID specified for the job network);
- job starting time (optional, otherwise network default used);
- end-of-job action specifications (see the section Job Maintenance for further details).

**Note:**

(OS/390 only) We recommend that the JCL of one Entire Operations job contain only one job card. Entire Operations retains only the first assigned job number of a submitted job.